IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

Customer No.

0000027777

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

ULTRASOUND

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on

October 2004
(Date of Deposit)

Linda F. Hansen

(Name of applicant, assignee, or Registered Representative)

(Signature)

October / 9 2004

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R §1.48(a)

In accordance with the provisions of 37 C.F.R. §1.48(a), Petitioners respectfully request that the Commissioner correct the inventorship of U.S. Patent Application Serial No. 10/735,045.

Specifically, Petitioners seek to add Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as inventors to the above-identified U.S. Patent Application. The omission of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named co-inventors was made through an error which arose without any deceptive intention on the part of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton or anyone else.

Accompanying this Petition are Statements of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton under 37 C.F.R. §1.48(a)(1) acknowledging that the error underlying their omission as named inventors occurred without any deceptive intention on their parts.

Also accompanying this Petition is a new Declaration by the actual inventors as required by 37 C.F.R. § 1.48(a)(2) and 1.63.

Also accompanying this Petition is a Consent To Change Inventorship under 37 C.F.R. § 1.48, executed on behalf of the assignee Ethicon Endo-Surgery, Inc.

Authorization is hereby made to charge the fee under 37 C.F.R. §1.17(i) to Deposit Account No.10-0750/END-5043/VEK.

Accordingly, the Petitioners respectfully request that the Commissioner grant the instant petition to correct the inventorship of the above-identified application by the addition of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named coinventors.

Respectfully submitted,

Verne E. Kreger, Jr.

Reg. No. 35,231

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 513-337-3295 October / 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-

ECHO ULTRASOUND

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

CONSENT TO CHANGE INVENTORSHIP UNDER 37 C.F.R. § 1.48

In accordance with the provisions of 37 C.F.R. §1.48, Ethicon Endo-Surgery, Inc., 4545 Creek Road, Cincinnati, OH 45242, Assignee under an Assignment filed with the USPTO on December 12, 2003 and recorded at Reel 014817 and Frame 0090 on December 12, 2003, hereby consents to the correction of inventorship to U.S. Patent Application Serial No. 10/735,045 filed concurrently.

Respectfully submitted,

Verne E. Kreger, Jr.

Vice-President of Patent Law Ethicon Endo-Surgery, Inc.

Reg. No. 35,231

Johnson & Johnson One Johnson & Johnson Plaza New Brunswick, NJ 08933 513-337-3295 October / 9 2004

OT 2 1 2004 & TIME TO THE PROPERTY OF THE PROP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

ULTRASOUND

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

STATEMENT OF INDER RAJ S. MAKIN UNDER 37 C.F.R. § 1.48 (a) (1)

I, Inder Raj S. Makin, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: September 19, 2004

Inder Rai S. Makin



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

ULTRASOUND

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

STATEMENT OF PETER G. BARTHE UNDER 37 C.F.R. § 1.48 (a) (1)

I, Peter G. Barthe, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 20 September 2004

Peter G Barthe



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. Douglas Mast, et al

Examiner:

Not assigned

Serial No.:

10/735,045

Art Unit:

3737

Filed:

December 12, 2003

Docket:

END-5043CIP2

For:

METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO

ULTRASOUND

Commissioner for Patents PO Box 1450 Arlington, VA 22313-1450

STATEMENT OF MICHAEL H. SLAYTON UNDER 37 C.F.R. § 1.48 (a) (1)

I, Michael H. Slayton, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 9/18/64

Michael H. Slayton

T 2 1 2004 &	-) inside this box +					DTO/SB/01 /10 00)
D. TARKET				atent and Trademark	Office; U.S. DEPARTI	PTO/SB/01 (10-00) /2002. OMB 0651-0032 MENT OF COMMERCE
Under the Paperwo	ork Reduction Act of 1995, no pers	sons are required t	o respond to a colle	ection of information u	nless it contains a vali	d OMB control number.
DEC	LARATION AND		Attorney Do	cket Number	END-5043	
POWER	OF ATTORNEY		First Named	d Inventor	T. Douglas M	ast
	LITY OR DESIGN				TE IF KNOWN	
1	CFR 1.63)		Application	Number	10/735,045	
Declaration Submitted wit	h 🔯 Declaration Sub OR Initial Filing (Su		Filing Date		December 12	, 2003
, and the second	(37 CFR 1.16(e)		Group Art U	Init	3737	
		_	Examiner N	ame	Not assigned	
As a below named invento	or, I hereby declare tha	it:				
My residence, mailing addre I believe I am the original, fir plural names are listed below entitled:	st and sole inventor (if o	only one nam	e is listed bel	ow) or an origin		
METHOD	FOR MAPPING TEMPE	ERATURE RI (Title of the li		ULSE-ECHO U	LTRASOUND	
the specification of which						
is attached hereto						
OR						
was filed on (MM/DD/Y Number 10/735,045	YYY) 12/12/2003 as Ui and was amended on (N		· 	ımber or PCT lı	nternational Ap _l	olication
I hereby state that I have revamended by any amendmen	viewed and understand to the specifically referred to	the contents above.	of the above i	dentified specif	ication, includin	g the claims, as
Lasknowledge the duty to di	aalaaa infarmatian uhial	h ia matarial i	ia natantahiliti	u oo dofinad in '	07.0ED 4.EC :-	aludina for
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application	Country		iling Date D/YYYY)	Priority Not Claime		tified Copy ttached?
Number(s)					YES	S NO
Additional foreign appli	I cation numbers are liste	d on a suppl	emental priori	l ty data sheet P	I TO/SB/02B atta	ched hereto:



DECLARATION - Utility or Design Patent Application I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Filing Date (MM/DD/YYYY) Application Number(s) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: **Application Serial No.** Filing Date Status 10/153,241 May 22, 2002 Pending I hereby appoint: Place Customer Practitioners at Customer Number 000027777 Number Bar Code Label Here **AND** Practitioner(s) named below: Registration Number Name as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295. **Customer Number** Direct all correspondence to: or Bar C ode Label 000027777 Correspondence address below Name: Address: Address: City: ZIP State: Country Telephone: (513) 337-8489

I he by declare that all statements made herein of my own knowledge are true and that all statements made on mation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent

issued thereon.						• •
NAME OF SOLE OR FIRST INVENT	OR:	☐ A pe	etition has	been fil	ed for this unsigne	ed inventor
Given Name (first and middle [if any]) T. Douglas Family Name or Surname MAST						
Inventor's Signature					Date	
Residence: City Cincinnati,		State OH		Count	ry US	Citizenship US
Mailing Address 3907 Lans	downe Avenue					
City Cincinnati		State OH		ZIP 4		Country US
I hereby declare that all statem information and belief are belie that willful false statements and U.S.C. 1001 and that such willful issued thereon.	ved to be tru I the like so	ue; and further made are pun	r that the iishable l	se sta by fine	tements were a	made with the knowledge ent, or both, under 18
NAME OF SECOND INVENTOR:		□Аре	etition has	been fil	ed for this unsigne	ed inventor
Given Name F				Family Name or Surname FAIDI		
Inventor's Signature					Date	
Residence: City Clifton Park		State NY		Count	ry US	Citizenship Jordan
Mailing Address 702 Solomo	n Avenue					
City Clifton Par		State NY		ZIP 1		Country US
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF THIRD INVENTOR:		☐ A pe	etition has	been fil	ed for this unsigne	ed inventor
Given Name (first and middle [if any]) Inder Raj S. Family Name or Surname MAKIN						
Inventor's Lyler Na	13, M	alin			Date Sep	Carlos 14, 2004
Residence: City Loveland	Į .	State Ohio		Count	ry US	Citizenship US
Mailing Address 11388 Donwiddle D	rive, Loveland,	OH 45140				
City Loveland		State OH		ZIP 4	5140	Country US



Tempe

City

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on heliof are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF FOURTH INVENTOR: A petition has been filed for this unsigned inventor **Given Name Family Name** (first and middle [if any]) Peter G. or Surname **BARTHE** Signature Date Residence: City Phoenix State AZ Country US Citizenship US Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ State AZ **ZIP** 85044 Country US City Phoenix I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF FIFTH INVENTOR: A petition has been filed for this unsigned inventor **Given Name Family Name** (first and middle [if any]) Michael H. or Surname SLAYTON Inventor's Signature Date Residence: City Tempe State AZ **Country** US Citizenship US Mailing Address 1323 E. Whalers Way

State AZ

ZIP 85283-2149

Country US

PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Please type a plus sign (+) inside this box + Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number END-5043 **DECLARATION** AND **POWER OF ATTORNEY** First Named Inventor T. Douglas Mast FOR UTILITY OR DESIGN COMPLETE IF KNOWN PATENT APPLICATION (37 CFR 1.63) 10/735,045 **Application Number** ☐ Declaration Submitted with ☐ Declaration Submitted after Filing Date December 12, 2003 Initial Filing (Surcharge Initial Filing OR (37 CFR 1.16(e)) required) Group Art Unit 3737 Not assigned Examiner Name As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND (Title of the Invention) the specification of which is attached hereto OR was filed on (MM/DD/YYYY) 12/12/2003 as United States Application Number or PCT International Application Number 10/735,045 and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as

amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Attacl	
Number(s)				YES	NO
Additional foreign appli	cation numbers are liste	d on a supplemental priori	ty data sheet PTO/SI	B/02B attache	d hereto:



DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C	C. 119(e) of any United States provisional a	pplication(s) listed below.					
Application Number(s)	Filing Date (MM/DD/YYYY)						
,		Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.					
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:							
Application Serial No.	Filing Date	Status					
10/153,241	May 22, 2002	Pending					
I hereby appoint: Place Customer Number Bar Code Label Here							
Practitioner(s) named below: Name Registration Number as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.							
Address all telephone calls to Verne E. Kreger,	Jr. at telephone number (513) 337-3295.						
Customer Number Direct all correspondence to:							
Address:							
Address:							
City:	State:	ZIP					
Country Telephone: Fax: (513) 337-8489							

	OT PE CO					
- X	inat William and be	lief are believed to latements and the lik	be true; and further se so made are pun	that these ishable by	statements were fine or imprisonr	that all statements made on e made with the knowledge nent, or both, under 18 application or any patent
	NAME OF SOLE OR F	FIRST INVENTOR:	□ А ре	etition has bee	en filed for this unsig	ned inventor
	Given Name (first and middle [if ar	ny]) T. Douglas		Family Nan		
	Inventor's Signature				Date	
	Residence: City	Cincinnati,	State OH	Co	untry US	Citizenship US
	Mailing Address	3907 Lansdowne Av	venue			
	City	Cincinnati,	State OH	ZII	4 5236	Country US
	I hereby declare the information and be that willful false sta	lief are believed to laternate like the	be true; and further e so made are pun	that these ishable by	statements were fine or imprisonr	that all statements made on e made with the knowledge nent, or both, under 18 application or any patent
L	NAME OF SECOND IN	VENTOR:	A pe	etition has bee	n filed for this unsig	ned inventor
	Given Name (first and middle [if an	ny]) Waseem		Family Nam		
	Inventor's Signature				Date	
	Residence: City C	Clifton Park	State NY	Co	untry US	Citizenship Jordan
	Mailing Address	702 Solomon Avenue	e			
L	City	Clifton Park	State NY	ZII	P 12065	Country US
	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
	NAME OF THIRD INVENTOR: A petition has been filed for this unsigned inventor					
	Given Name (first and middle [if any]) Inder Raj S. Family Name or Surname MAKIN					
	Inventor's Signature				Date	
	Residence: City Love	eland	State Ohio	Co	untry US	Citizenship ∪S
	Mailing Address 1138	8 Donwiddle Drive, Love	eland, OH 45140			
	City Loyal	land	State OH	711	9 45140	Country IIS

I have y declare that all statements made herein of my own knowledge are true and that all statements made on Rhomation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

issued thereon.	statements may je	opardize the v	validity of the a	pplication or any patent		
NAME OF FOURTH INVENTOR:	□ А ре	tition has been fi	led for this unsign	ed inventor		
Given Name (first and middle [jf any]) Peter G.	1	Family Name or Surname	BARTHE			
Inventor's Signature			Date 20 9	eptember 2004		
Residence: City Phoenix	State AZ	Coun	try US	Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Phoe	enix, AZ		-			
City Phoenix	State AZ	ZIP 8	35044	Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF FIFTH INVENTOR:	☐ A pe	tition has been fi	led for this unsign	ed inventor		
Given Name (first and middle [if any]) Michael H. Family Name or Surname SLAYTON						
Inventor's Signature			Date			
Residence: City Tempe	State AZ	Coun	try US	Citizenship US		
Mailing Address 1323 E. Whalers Way						
City Tempe	State AZ	ZIP 8	35283-2149	Country US		



Blaase type a plus sign (+) inside this box +			Approved	for upo t	PTO/SB/01 (10-00)
Under the Paperwo				atent and Trademark	Office; U	hrough 10/31/2002. OMB 0651-0032 .S. DEPARTMENT OF COMMERCE
Under the Paperwo	ork Reduction Act of 1995, no pers	ons are required	o respond to a colle	ction of information u	nless it c	ontains a valid OMB control number.
DEC	LARATION		Attorney Do	cket Number	END)-5043
	AND OF ATTORNEY		First Named	Inventor	T. D	ouglas Mast
	LITY OR DESIGN			COMPLE	TE IF	KNOWN
	APPLICATION CFR 1.63)		Application	Number	10/7	35,045
☐ Declaration Submitted wit Initial Filing	h 🛛 Declaration Sub OR Initial Filing (Su		Filing Date		Dec	ember 12, 2003
J	(37 CFR 1.16(e)		Group Art U	nit	3737	7
			Examiner N	ame	Not	assigned
As a below named invento	or, I hereby declare tha	t:				
My residence, mailing addre I believe I am the original, fir plural names are listed below entitled:	st and sole inventor (if o	only one nam	ne is listed belo	ow) or an origin		
METHOD	FOR MAPPING TEMPE	RATURE R		JLSE-ECHO U	LTRA	SOUND
the specification of which						
is attached hereto						
OR						
	YYY) 12/12/2003 as Ur and was amended on (M		· -	ımber or PCT lı	nterna	ational Application
I hereby state that I have rev amended by any amendmer			of the above i	dentified specif	fication	n, including the claims, as
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application	Country		Filing Date D/YYYY)	Priority Not Claime	ed	Certified Copy Attached?

Application Number(s)	Country	(MM/DD/YYYY)	Not Claimed	Attacl	
		 	,, <u></u>	1.0	
Additional foreign appli	cation numbers are liste	ed on a supplemental priori	ty data sheet PTO/S	B/02B attache	d hereto:



DECLARATION - Utility or Design Patent Application					
I hereby claim the benefit under 35 U.S.C	C. 119(e) of any United States provisional a	application(s) listed below.			
Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.			
as the subject matter of each of the claims provided by the first paragraph of Title 35, defined in Title 37, Code of Federal Regula national or PCT international filing date of t		or United States application in the manner ne duty to disclose material information as a filing date of the prior application and the			
Application Serial No.	Filing Date	Status			
10/153,241	May 22, 2002	Pending			
I hereby appoint:					
Place Customer Number Bar Code Label Here					
Practitioner(s) named below: Name	Registration Number				
as my/our attorney(s) or agent(s) to prose States Patent and Trademark Office conr	ecute the application identified above, and lected therewith.	to transact all business in the United			
Address all telephone calls to Verne E. Kreger, J	ir. at telephone number (513) 337-3295.				
_ *	mer Number C ode Label 000027777 OR	☐ Correspondence address below			
Name:					
Address:					
Address:					
City:	State:	ZIP			
Country	Telephone:	Fax: (513) 337-8489			

ereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor Given Name **Family Name** (first and middle [if any]) T. Douglas or Surname MAST Inventor's Signature Date Cincinnati, State OH Country US Citizenship US Residence: City **Mailing Address** 3907 Lansdowne Avenue State OH **ZIP** 45236 Country US City Cincinnati, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor **Family Name** Given Name (first and middle [if any]) Waseem or Surname **FAIDI** Inventor's Signature Date Residence: City Clifton Park State NY Country US Citizenship Jordan **Mailing Address** 702 Solomon Avenue Clifton Park ZIP 12065 City State NY Country US I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF THIRD INVENTOR: A petition has been filed for this unsigned inventor **Given Name Family Name** MAKIN (first and middle [if any]) Inder Raj S. or Surname Inventor's Signature Date State Ohio

State OH

Country US

ZIP 45140

Citizenship US

Country US

Residence: City Loveland

Loveland

City

Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF FOURTH INVENTOR:	☐ A pe	etition has been fi	iled for this unsign	ed inventor	
Given Name (first and middle [if any]) Peter G.		Family Name or Surname	BARTHE		
Inventor's Signature			Date		
Residence: City Phoenix	State AZ	Coun	try US	Citizenship US	
Mailing Address 4818-1 E. Hazel Drive, Phoe	nix, AZ			-	
City Phoenix	State AZ	ZIP 8	85044	Country US	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF FIFTH INVENTOR:	□Аре	etition has been fi	iled for this unsign	ed inventor	
Given Name (first and middle [if any]) Michael H. or Surname SLAYTON					
Inventor's Signature Date 9/15/04					
Residence: City Tempe	State AZ	Coun	itry US	Citizenship US	
Mailing Address 1323 E. Whalers Way					
City Tempe	State AZ	ZIP 8	85283-2149	Country US	

PTO/SB/01 (10-00)

Under the Paperwo	rk Reduction Act of 1995, no person	ons are required t		tent and Trademark (Office; U.S. I	ugh 10/31/2002. OMB 0651-0032 DEPARTMENT OF COMMERCE ains a valid OMB control number.
DEC	LARATION		Attorney Doo	cket Number	END-5	043
	AND OF ATTORNEY		First Named			glas Mast
	ITY OR DESIGN			COMPLE	TE IF KN	IOWN
	APPLICATION CFR 1.63)		Application N	Number	10/735	,045
Declaration Submitted with Initial Filing	OR Initial Filing (Su	ırcharge	Filing Date		Decem	ber 12, 2003
	(37 CFR 1.16(e))) required)	Group Art U	nit	3737	
			Examiner Na	ame	Not as:	signed
As a below named invento My residence, mailing addre I believe I am the original, fir plural names are listed below entitled:	ss, and citizenship are a st and sole inventor (if o	as stated bel	e is listed belo	ow) or an origin		
METHOD	FOR MAPPING TEMPE	RATURE RI		JLSE-ECHO U	LTRASC	DUND
the specification of which						
is attached hereto						
OR					·	
	YYY) 12/12/2003 as Ur and was amended on (M			mber or PCT I	nternatio	nal Application
I hereby state that I have rev amended by any amendmer			of the above i	dentified specif	fication, i	including the claims, as
continuation-in-part applicati	I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.					
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country		Filing Date D/YYYY)	Priority Not Claime	d	Certified Copy Attached? YES NO
Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:						



10/153,241

AND

Direct all correspondence to:

Name:

DECLARATION - Utility or Design Patent Application I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: Application Serial No. **Filing Date** Status May 22, 2002 Pending I hereby appoint: **Place Customer** Practitioners at Customer Number 000027777 Number Bar Code Label Here Practitioner(s) named below: Registration Number <u>Name</u>

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.

Customer Number

or Bar Co de Label

Address:		
Address:		
City:	State:	ZIP
Country	Telephone:	Fax: (513) 337-8489

000027777

OR

Correspondence address below

I bereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent ssued thereon.

NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any]) T. Douglas		Family Name or Surname	MAST		
Inventor's 7.2004 Signature Date Sept 9 2004					
Residence: City Cincinnati,	State OH	Coun	itry US	Citizenship US	
Mailing Address 3907 Lansdowne Avenue					
City Cincinnati,	State OH	ZIP		Country US	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF SECOND INVENTOR:	NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any]) Waseem Family Name or Surname FAIDI					
Inventor's Signature			Date		
Residence: City Clifton Park	State NY	Coun	try US	Citizenship Jordan	
Mailing Address 702 Solomon Avenue					
City Clifton Park	State NY	ZIP 1		Country US	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF THIRD INVENTOR: A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any]) Inder Raj S. Family Name or Surname MAKIN					
Inventor's Signature			Date		
Residence: City Loveland	State Ohio	Coun	try US	Citizenship US	
Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140					
City Loveland	State OH	ZIP 4	5140	Country US	

I hereby declare that all statements mainformation and belief are believed to be that willful false statements and the like U.S.C. 1001 and that such willful false issued thereon.	be true; and further e so made are pun	r that the iishable	ese sta by fine	tements wer or imprison	ment, or both, under 18
NAME OF FOURTH INVENTOR:	AME OF FOURTH INVENTOR: A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any]) Peter G.	Family Name or Surname BARTHE				
Inventor's Signature	Date				
Residence: City Phoenix	State AZ		Country US Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Phoe	nix, AZ				
City Phoenix	State AZ		ZIP 8	5044	Country US
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.					
NAME OF FIFTH INVENTOR:	A petition has been filed for this unsigned inventor				
Given Name Family Name first and middle [if any]) Michael H. or Surname SLAYTON					
Inventor's Signature				Date	
Residence: CityTempe	State AZ		Count	ry US	Citizenship US
riverser with combo					
Mailing Address 1323 E. Whalers Way					

.

OCT 2 1 2004 Please type a plus sig

Please type a plus sign (+) Under the Paperwoi	inside this box +	ons are required t	U.S. Pa o respond to a colle	tent and Trademark C	or use through 10/31/2002. OM	COMMERCE
DECLARATION				cket Number	END-5043	
	AND OF ATTORNEY	FATTORNEY		Inventor	T. Douglas Mast	
FOR UTILITY OR DESIGN PATENT APPLICATION				COMPLET	E IF KNOWN	
(37 CFR 1.63)			Application I	Number	10/735,045	
☐ Declaration Submitted with ⊠ Initial Filing OR	OR Initial Filing (Su	OR Initial Filing (Surcharge			December 12, 2003	
(37 CFR 1.16(e)) required)		Group Art U	nit	3737		
			Examiner Na	ame	Not assigned	
As a below named invento	r, I hereby declare that	t:				
My residence, mailing addrest labelieve I am the original, first plural names are listed below entitled:	st and sole inventor (if o	nly one nam	e is listed belo	ow) or an origina		
METHOD I	FOR MAPPING TEMPE	RATURE RI		JLSE-ECHO UL	TRASOUND	
the specification of which						
is attached hereto						
OR						
was filed on (MM/DD/Y\) Number 10/735,045 a	•			ımber or PCT In	ternational Application	n
I hereby state that I have rev amended by any amendmen			of the above i	dentified specifi	cation, including the c	laims, as
I acknowledge the duty to dis continuation-in-part application and the national or PCT inter	ons, material information	n which beca	ame available	between the fili		
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country		Filing Date D/YYYY)	Priority Not Claime	Certified C d Attached YES	
Additional foreign applic	cation numbers are liste	d on a suppl	emental priori	ty data sheet P	TO/SB/02B attached h	rereto:



DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.						
Application Number(s)	Filing Date (MM/DD/YYYY)					
	·	Additional provisional application numbers are listed on a				
		supplemental priority data sheet				
		PTO/SB/02B attached hereto.				
	nited States Code, §120 of any United State					
	of this application is not disclosed in the prior United States Code, §112, I acknowledge the					
	ations, §1.56(a) which occurred between the					
national or PCT international filing date of t						
Application Serial No.	Filing Date	Status				
40/452 244	May 22, 2002	Ponding				
10/153,241	May 22, 2002	Pending				
I hereby appoint:						
Describios ou et Contempo Nombo	000027777	Place Customer Number Bar Code				
Practitioners at Customer Number	000027777 →	Label Here				
AND		Laberriere				
12						
Practitioner(s) named below:	B					
Name Registration Number						
		to tanana at all business in the Huited				
as my/our attorney(s) or agent(s) to prose States Patent and Trademark Office con	ecute the application identified above, and sected therewith	to transact all business in the United				
States Faterit and Trademark Office confiected therewith.						
Address all telephone calls to Verne E. Kreger,	Jr. at telephone number (513) 337-3295.					
	mer Number	_				
Direct all correspondence to:	C ode Label 000027777 OR	Correspondence address below				
Name:						
Address:						
Audicos.						
Address:						
Auticos.						
City:	State:	ZIP				
Country	Telephone:	Fax: (513) 337-8489				

OCT 2 1 2004 00 declare that all statements made herein of my own knowledge are true and that all statements made on

information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor **Given Name** Family Name (first and middle [if any]) T. Douglas or Surname MAST Inventor's Signature Date State OH Country US **Citizenship** US Residence: City Cincinnati, **Mailing Address** 3907 Lansdowne Avenue **ZIP** 45236 **Country** US City Cincinnati, State OH I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor **Family Name Given Name** (first and middle [if any]) Waseem or Surname **FAIDI** Inventor's 9)14/04 SEEN Signature Date State NY Citizenship Jordan Residence: City Clifton Park **Country US Mailing Address** 702 Solomon Avenue Clifton Park State NY **ZIP** 12065 Country US City I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. NAME OF THIRD INVENTOR: ☐ A petition has been filed for this unsigned inventor **Family Name Given Name** or Surname MAKIN (first and middle [if any]) Inder Raj S. Inventor's Signature Date Citizenship US Residence: City Loveland State Ohio **Country US** Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140 State OH **ZIP** 45140 **Country** US City Loveland

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF FOURTH INVENTOR:	A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any]) Peter G.	***************************************		BARTHE			
Inventor's Signature			Date			
Residence: City Phoenix	State AZ	Coun	try US	Citizenship US		
Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ						
City Phoenix	State AZ	ZIP 8	35044	Country US		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF FIFTH INVENTOR: A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any]) Michael H.		Family Name or Surname	SLAYTON			
Inventor's Signature			Date			
Residence: City Tempe	State AZ	Coun	try US	Citizenship US		
Mailing Address 1323 E. Whalers Way						
City Tempe	State AZ	ZIP 8	35283-2149	Country US		